OCZ Technology

SABRE

MULTIMEDIA AND GAMING KEYBOARD

⚠ Caution symbol indicates potential hazard to you, the device and/or the computer.

ONE YEAR LIMITED WORLDWIDE WARRANTY

OCZ Technology provides a limited one year worldwide warranty on this product. Contact OCZ Technology immediately upon discovery of any defects covered by this warranty.

Before sending the product in for repairs, contact OCZ Technology. The product will be repaired or replaced with the same or similar model.

This warranty does not cover any defects resulting from improper use or unauthorized repairs.

OCZ TECHNOLOGY WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT.

This warranty gives you specific legal rights. You may also have other rights specific to your State. Some States do not allow the exclusion of consequential or incidental damages; therefore the above exclusion of limitation may not apply to you.

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1.0 Introduction

The OCZ Sabre Keyboard device allows the use of symbols on keys that can be changed by software to match interaction in various applications and states. The OCZ Sabre can handle various such devices in a dynamic and abstract manner, such that applications can use the full functionality of the device without caring about hardware details, and also loads and provides layers for applications that do not interface with the OCZ Sabre.

The OCZ Sabre tracks focus changes in a windowing system and sets the layer shown to match the application that has focus. Each application can thus set layers without caring about other applications.

2.0 System Requirements

Supported Operating Systems: Microsoft Windows XP 32 bit, Windows Vista® 32 bit and Windows Vista 64 bit

Preinstalled Software: Microsoft .NET Framework version 3.5 Service Pack 1

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3.0 Installation Guide

NOTE: The following is based on Microsoft® Windows® XP SP2 running on a 32 bit system. Screen shots and some steps will be different on different operating systems.

3.1 Turn on the PC.

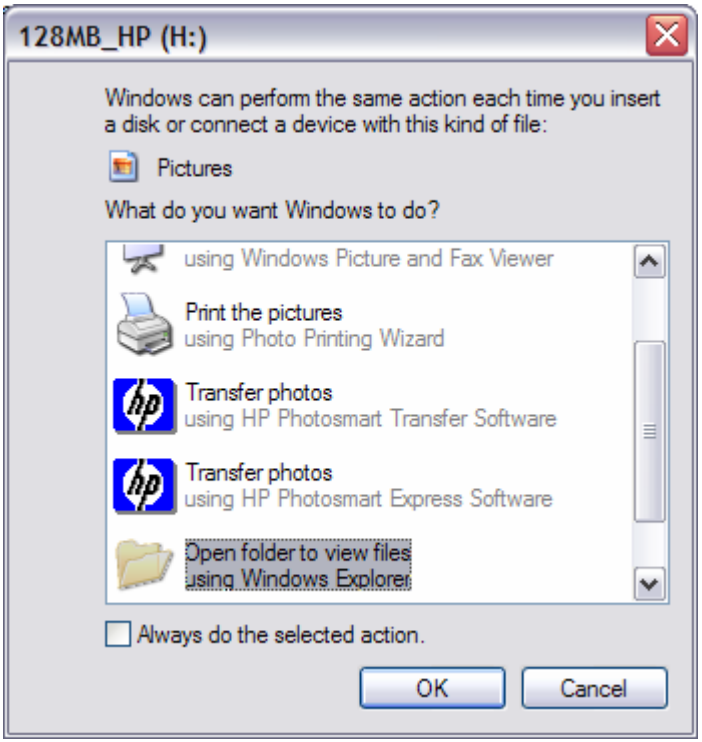
3.2 Plug the OCZ Sabre Keyboard into an open USB port.

The **Found New Hardware Wizard** window may open:

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

3.2.1 If so, click “Cancel”.

Additionally, the following window may open.


128MB_HP (H:)
Windows can perform the same action each time you insert a disk or connect a device with this kind of file:
Pictures
What do you want Windows to do?
using Windows Picture and Fax Viewer
Print the pictures
using Photo Printing Wizard
Transfer photos
using HP Photosmart Transfer Software
Transfer photos
using HP Photosmart Express Software
Open folder to view files
using Windows Explorer
Always do the selected action.
OK
Cancel

3.2.2 If so, click “Open folder to view files”.

The Windows File Explorer opens showing a new USB Mass Storage Drive embedded within the device.

NOTE: If no window opens, open file explorer, locate the new Removable Disk.

3.2.3 Delete any files found on the device.

3.3 Download the latest drivers at www.ocztechnology.com/drivers/.

3.4 Run setup.exe.

The **Sabre Manager** Setup Wizard opens:

Sabre Manager
Welcome To Sabre Manager Setup Wizard
OCZ Technology
The installer will guide you through the steps required to install the Sabre Manager on your computer.
WARNING: This computer program is protected by copyright law and international treaties.Unauthorized duplication or distribution of this program,or any portion of it,may result in severe civil or criminal penalties , and will be prosecuted to the maximum extent possible under the law.
InstallShield
Cancel
< Back
Next >

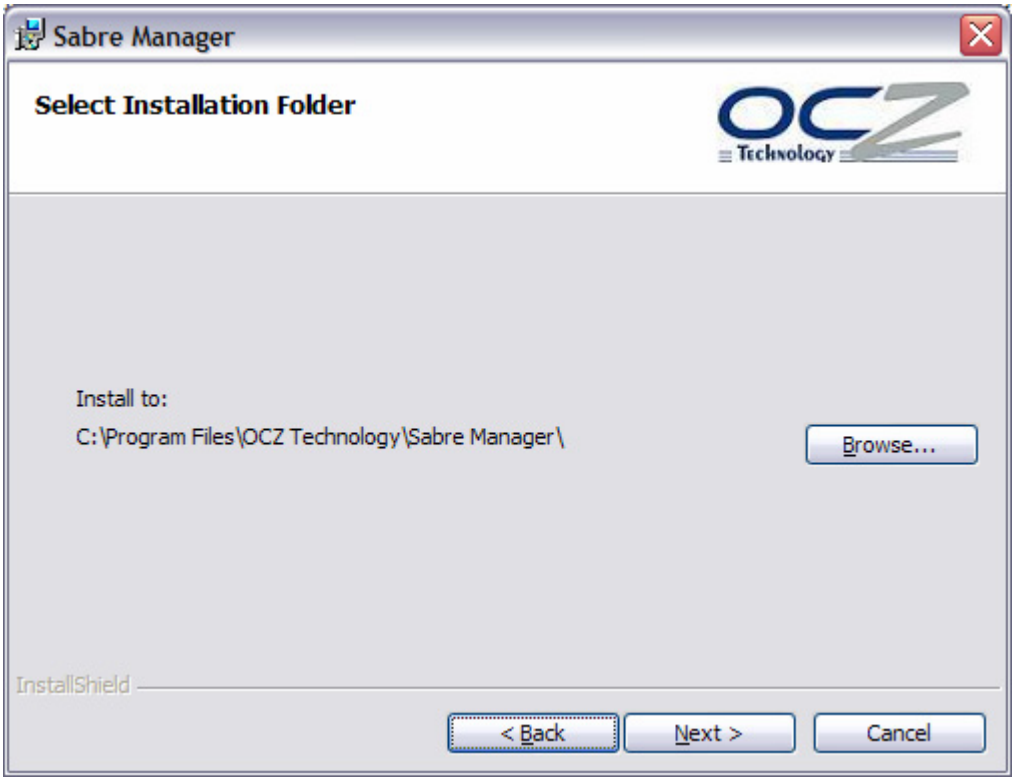
3.5 Click “Next>”.

The **Sabre Manager** License Agreement window opens:

Sabre Manager
License Agreement
Technology
Please take a moment to read the license agreement now. If you accept the terms below,click "I Agree",then "Next".Otherwise click "Cancel".
END-USER LICENSE AGREEMENT FOR OCZ TECHNOLOGY SABRE MANAGEMENT SOFTWARE: IMPORTANT PLEASE READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT CAREFULLY BEFORE CONTINUING WITH THIS PROGRAM INSTALL: OCZ TECHNOLOGY, Inc. End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and OCZ TECHNOLOGY for the OCZ TECHNOLOGY software product(s) identified above which may include associated
I Do Not Agree
I Agree
InstallShield
< Back
Next >
Cancel

3.6 Select the “I Agree” radio button and click “Next >” to continue loading the software.

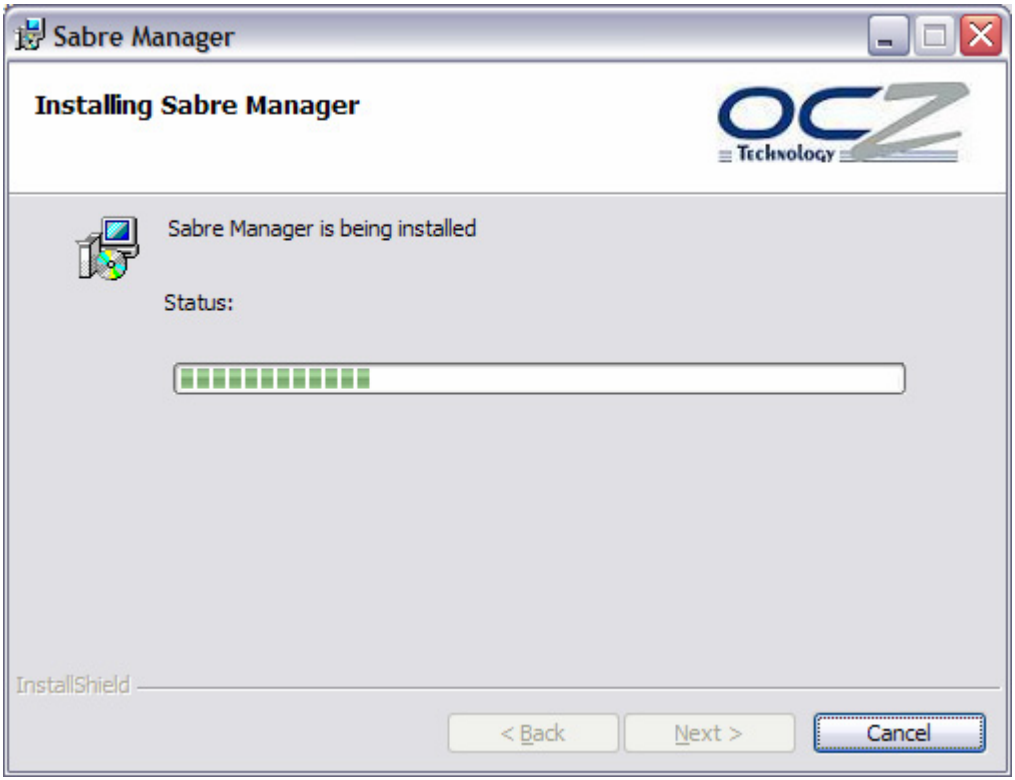
The **OLED Manager** Select Installation Folder window opens.



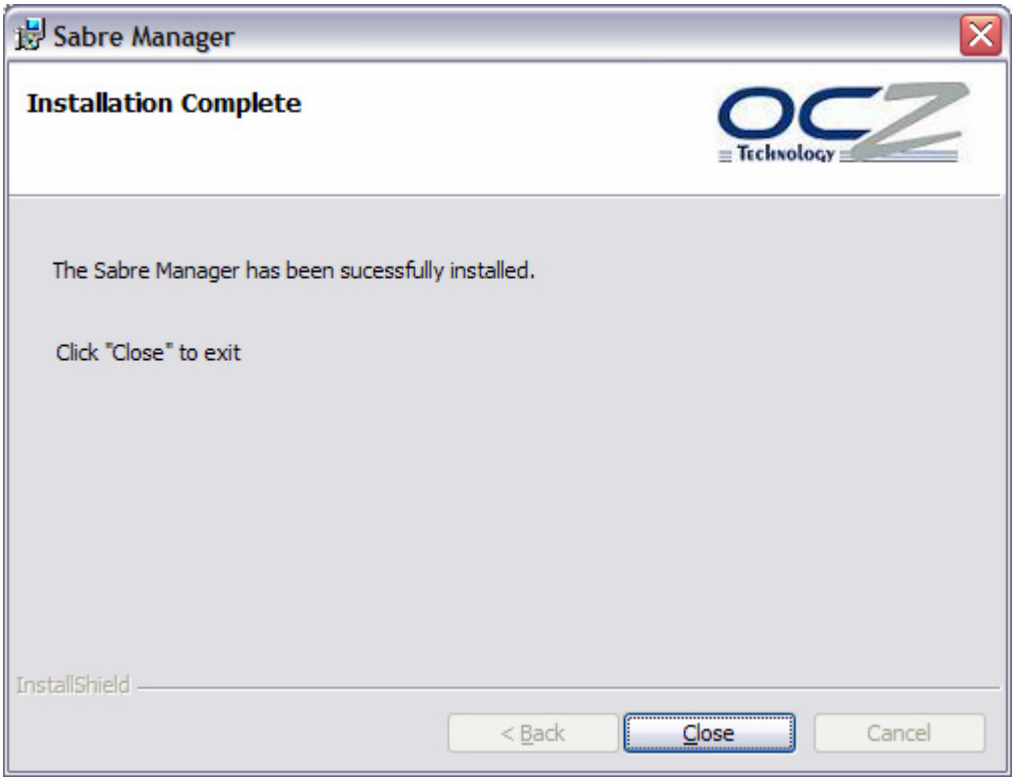
NOTE: Keep the default installation folder path.

3.7 Click “Next >”.

The **Sabre Manager** Installing Sabre Manager window opens:



The **OLED Manager** Installation Complete window opens:



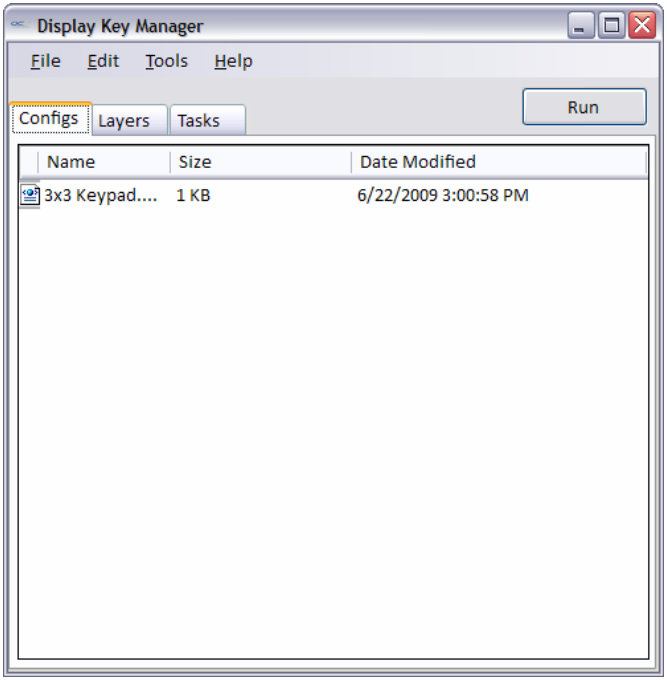
3.8 Click “Close”.

The OCZ Technology SabreManager icon is placed on the Desktop:

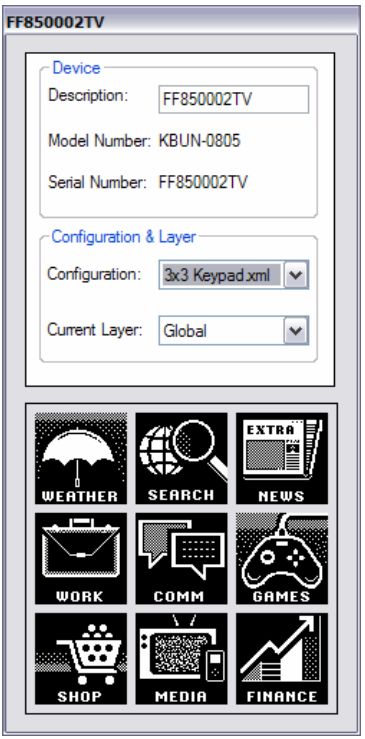
The drivers and software are now installed and ready for customization.

3.9 Double click the Sabre Manager icon.

The **OCZ Technology Display Key Manager** (Sabre Manager) and a simulated Display Key window opens:



OLED Manager



Simulated Display Keys

4.0 Display Key Setup and Management

4.1 Introduction

The **Display Key Manager** (DKM) is comprised of a menu bar, three tabs (Configs, Layers and Tasks) and a run button. The Config tab is for future expansion. Layers define an array of nine display keys to defined tasks. Tasks associate images and define actions. The run executes the configuration and minimizes the DKM to the system tray.

The installed default configuration is provided as a functioning example of the device.

4.2 Menu Bar

4.2.1 File menu is used to create new configurations, layers and tasks or close the program.

4.2.2 Edit menu is used to undo, cut, copy, paste and delete input from text fields.

4.2.3 Tools menu encompasses an Options window to set the following features:

- Image monochromatic style to dither or invert for all displays
- Language: English only
- Display Brightness scroll bar
- File Locations: Default locations must be maintained

4.2.4 Help menu encompasses an About window indicating the software revisions and access to view the End-User License Agreement.

4.3 Tasks

Tasks define an image and action to be assigned to a specific display key and layer.

4.3.1 Task creation:

- Created a new task from the “File” menu or right clicking in the Tasks tab area.
- Assign an image to the task by dragging and dropping an image on the red box or right clicking on the red box

and browsing for the image. Image formats must be either bmp or jpg.

- Click in the Name column and input the task name.
- Click twice in the Action column to reveal a drop down menu and select an action. The following actions are available:
  - "Nothing" – No action will be taken
  - "Browse To URL" – Input the URL in the Function column or open the browser to the URL, right click in the Function cell, click "Pick…", click on the title window on the browser and the URL will auto populate in the Function cell.
  - "Global Layer" – To call the Global Layer.
  - "Launch Application" – Input the path and executable filename or right click in the Function column to browse for the executable file. The Arguments and Directory columns define optional command line arguments and the working directory.
  - "Macro (Keyboard)" – Right click in the Function column then click "Record…" to record a macro. A "Record Macro" window opens:

    "Enable repeat" will enable the keyboard character repeat rate when recording.

    "Encrypt macro" will encrypt the recorded keystrokes.

    Click the Start button to begin recording.

    Input the keystrokes to record.

    Click the Stop button to stop recording.

    Click the "Save and Close" button to save the marco.

    The recorded macro will appear as text in the Function column.
  - "Previous Layer" – To call up the previous layer.
  - "Manual Layer" – Input the manual layer name in the Function column to call up that manual layer.

- The “Next Task” column is used to dynamically change the display key assignment to another task after execution.

4.3.2 Task deletion: Right click on the task image or name then click “Delete”. A window will appear to confirm the action.

Layers

4.3.3 Layer Types and creation: There are four layer types:

Global Layer:

The Global layer is called when no other layers exist and is intended to be used as a main menu layer. This layer cannot be renamed or deleted.

Process Layer:

A process layer is used to associate a layer with a specific application.

Process layer creation and application association:

- Create a new Process layer via the File menu or right click in the Layers tab window.
- Input a name for the layer in the Name column
- Open the application
- Right click in the Process column, click “Pick” then click on the application window.

  NOTE: The “Process” text box will automatically populate with the application executable file name.

Dialog Layer:

A Dialog Layer is used to associate a layer with a dialog box within an application (e.g., Print, Page Setup, etc.).

Dialog layer creation and application association:

- Create a new Dialog layer via the File menu or right click in the Layers tab window.
- Input a name for the layer in the Name column

- Open the application and dialog window
- Right click in the Process column, click "Pick" then click on the application dialog window.

  NOTE: The "Process" and "Captions" text boxes will automatically populate with the application executable file name and dialog window title.

Manual Layer:

A Manual layer is only referenced by another layer. A manual layer is called by a display key task. This type of layer is used to provide access to multiple layers within an application.

Manual layer creation:

- Create a new Manual layer via the File menu or right click in the Layers tab window.
- Input a name for the layer in the Name column

4.3.4 Layer deletion: Right click on the layer name then click "Delete". A window will appear to confirm the action.

4.4 Display Key Task/Layer Assignments

There are 9 Display Keys associated with each layer. Each are shown in a simulated Display Key window for each device attached.

4.4.1 Assigning an task to a Display Key:

- In the simulated window, under "Configuration & Layer" section, use the "Current Layer:" drop down list to select the desired layer the task is to be assigned.
- From the Tasks tab in the DKM, drag and drop the task image to the desired display key.
- The display key on the simulated device window and the device will change to the task assigned.

4.4.2 Deleting a task on a Display Key:

Right click on the task in the simulated widow and click "Delete".

4.4.3 Moving a task to another Display Key on a given layer:

Drag and drop the task from one Display Key to the desired Display Key.

5.0 OLED Display Key Execution and Exiting

5.1 Execution:

- After the tasks and layers are defined, execute the DKM by clicking the Run button.
- The DKM will execute (enter run mode) and minimize to the System tray.

5.2 Exit:

- If in edit mode (i.e. with the DKM open), exit the program via the menu bar by clicking File then Close or click the “X” in the upper right corner of the DKM window.
- If in run mode (i.e. with the DKM in the System tray), double click on the DKM icon to enter edit mode then exit the program via the menu bar by clicking File then Close or click the “X” in the upper right corner of the DKM window.

6.0 Uninstall

6.1 Exit the Display Key Manager.

6.2 Click “start”, “All Programs”, “OCZ Technology”, “Sabre Manager” then “Uninstall Sabre Manager”.

7.0 Warnings

7.1 Do not spill liquids on the device. This will void the warranty and could damage the device. If liquid does spill on the device, unplug the device from the computer immediately.

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